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## Derwent Record

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Derwent Title: Drive device for opening and closing automobile component e.,g. bus door, has electric motor and motor control unit with master and slave processors

Original Title: ☐ Buy PDF - 6pp DE19934880C1: Antriebsvorrichtung und Verfahren zum Verstellen eines verstellbaren Fahrzeugteils

Assignee: WEBASTO TUERSYSTEME GMBH Standard company  
Other publications from [WEBASTO TUERSYSTEME GMBH \(WBAI\)...](#)

Inventor: ANTAL L; ANTAL S; BORRMANN H;

Accession/ 2001-072355 / 200109

Update:

IPC Code: E05F 15/10 ; H02H 7/08 ;

Derwent Classes: Q47; U22; V06; X13; X22;

Manual Codes: U22-A01(Generators producing trains of pulses) , V06-N26 (Microprocessor control) , V06-U03(Vehicles) , X13-C04C (Motors) , X22-P05(Commercial) , X22-X05(Electrical aspects of doors, boots, windows)

Derwent Abstract: (DE19934880C) **Novelty** - The drive device has an electric motor (10) and a sensor device (14) for providing a pulse signal corresponding to the rotation of the motor, fed to the motor control unit. The latter has a master processor (18) for execution of a main control program and a slave processor (16), for controlling the motor revs in dependence on the received pulse signal.

**Detailed Description** - An INDEPENDENT CLAIM for a setting method for opening and closing an automobile component is also included.

**Use** - The drive device is used for opening and closing an automobile component, e.g. a bus door.

**Advantage** - The device provides accurate control of the drive motor, in combination with safe operation.

Images:

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**Description of Drawing(s)** - The figure shows a schematic circuit diagram of a drive device for an automobile component.

Electric motor 10, Sensor device 14, Slave processor 16, Master processor 18  
Dwg.1/2

Family: **PDF Patent Pub. Date Derwent Update Pages Language IPC Code**  
☒ **DE19934880C1** \* 2001-01-25 200109 6 German E05F 15/10  
 Local appls.: DE1999001034880 Filed:1999-07-24 (99DE-1034880)

INPADOC [Show legal status actions](#)  
 Legal Status:

First Claim: [Show all claims](#) 1. Antriebsvorrichtung für ein zwischen mindestens zwei Stellungen verstellbares Fahrzeugteil, mit einem Motor (10) zum Antreiben des Fahrzeugteils und einer Sensoreinrichtung (14) zum Erzeugen eines Pulssignals entsprechend der Drehbewegung des Motors, das einer Steuereinheit zum Steuern des Motors zugeführt wird, wobei die Steuereinheit so ausgebildet ist, daß ein Master-Prozessor (18) für die Ausführung des Steuerungs-Hauptprogramms sowie ein separater Slave-Prozessor (16) vorgesehen sind, welcher dem Master-Prozessor für die Drehzahlsteuerung des Motors basierend auf den empfangenen Pulssignalen zugeordnet ist.

Priority Number: 

Application Number	Filed	Original Title
DE1999001034880	1999-07-24	

Title Terms: DRIVE DEVICE OPEN CLOSE AUTOMOBILE COMPONENT BUS DOOR  
 ELECTRIC MOTOR MOTOR CONTROL UNIT MASTER SLAVE PROCESSOR

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